

STEREO MOC Status Report
Time Period: 2013:021 - 2013:027

STEREO Ahead (STA) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 021, during the DSS-15 track, commanding was established thirty minutes late at 1507z because monitor data was not available in the MOC throughout the entire support. See DR #G113633 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 021, the MOPS permanent macro release 1.1.15 was loaded to C&DH EEPROM. This release increases the SSR housekeeping playback by four minutes to downlink more G&C black box data during the 120Kbps tracks only.

- On day 021, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1204z for 3.3 hours.
IMPACT (Part 15) reached 95% full at 1211z for 3.4 hours.
PLASTIC(Part 17) reached 95% full at 1236z for 3.0 hours.

The primary cause was the accumulated shortage of track time throughout the week.

- On day 022, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1154z for 5.1 hours.
IMPACT (Part 15) reached 95% full at 1152z for 5.3 hours.
PLASTIC(Part 17) reached 95% full at 1213z for 4.8 hours.

The primary cause was the accumulated shortage of track time throughout the week.

- On day 024, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 0105z for 14.3 hours.
IMPACT (Part 15) reached 95% full at 0218z for 13.4 hours.
PLASTIC(Part 17) reached 95% full at 0251z for 12.7 hours.

The primary cause was the accumulated shortage of track time throughout the week.

- On day 025, the SSR science partitions filled as follows:

SWAVES (Part 13) reached 100% full at 1521z for 0.1 hours.
SWAVES (Part 13) reached 100% full at 2230z for 1.5 hours.
IMPACT (Part 15) reached 95% full at 1457z for 0.7 hours.
IMPACT (Part 15) reached 95% full at 2214z for 1.8 hours.
PLASTIC(Part 17) reached 95% full at 2255z for 1.1 hours.

The primary cause was the accumulated shortage of track time throughout the week.

- On day 026, the SSR science partitions filled as follows:

SWAVES (Part 13) remained 100% full at 0000z for 15.2 hours.
IMPACT (Part 15) remained 95% full at 0000z for 15.3 hours.
PLASTIC(Part 17) remained 95% full at 0000z for 15.2 hours.

The primary cause was the accumulated shortage of track time throughout the week.

- The average daily SSR playback volume for Ahead was 2.8 Gbits during this week.

STEREO Behind (STB) Status:

1. The following Ground System anomalies occurred during this reporting period:

- On day 025, during the DSS-45 track, turbo decoder lock was lost briefly at 2354z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108619 for more information.
- On day 027, during the DSS-25 track, turbo decoder lock was lost briefly at 2048z. This anomaly resulted in the loss of one frame of SSR data. See DR #N108620 for more information.

2. The following spacecraft/instrument events occurred during this week:

- On day 021, the MOPS permanent macro release 1.1.15 was loaded to C&DH EEPROM. This release increases the SSR housekeeping playback by four minutes to downlink more G&C black box data during the 120Kbps tracks only.

- On day 021, the SSR science partitions filled as follows:
PLASTIC (Part 17) reached 95% full at 1619z for 0.1 hours.

The primary cause was the accumulated shortage of track time throughout the week.
- On day 024, the SSR science partitions filled as follows:
SWAVES (Part 13) reached 100% full at 0941z for 6.9 hours.
IMPACT (Part 15) reached 95% full at 1305z for 3.5 hours.
PLASTIC(Part 17) reached 95% full at 1229z for 4.1 hours.

The primary cause was the accumulated shortage of track time throughout the week.
- On day 025, the SSR science partitions filled as follows:
SWAVES (Part 13) reached 100% full at 1238z for 4.1 hours.
IMPACT (Part 15) reached 95% full at 1549z for 0.9 hours.
PLASTIC(Part 17) reached 95% full at 1553z for 0.8 hours.

The primary cause was the accumulated shortage of track time throughout the week.
- The average daily SSR playback volume for Behind was 3.2 Gbits during this week.